

On page 7, lines 22-23 delete "This is applied in principle to all of the following embodiments as well".

On page 9, line 20 delete "showed minor" and insert "disclosed some".

In the Claims

Please cancel claims 1 to 7

Please insert new claims 8 to 19 as follows:

8. A saw blade for cutting steel-reinforced structures comprising a steel disk (10) including an opening (11) at the center for connection with a shaft of a motor-driven tool and particulate bearing layer on both side surfaces of the steel disk, in which the particulate bearing layer made of one or more particle materials selected from the group consisting of diamond, CBN, Al_2O_3 , Zr_2O_3 , ZrO_2 , WC or SiC or made from their mixture among them having ring portions with a fixed width and positioned in the central area on both side surfaces of the steel disk, and a plurality of streamlined wings extending from the ring portions to the periphery of the steel disk, the streamlined wings are formed on both side surfaces of the steel disk so that first streamlined wings attached on one side surface of the steel disk are overlapped with second streamlined wings attached on the other side surface; surface of the circular steel disk are radially overlapped in position with the wings on the other side surface of the circular steel disk and cutting segments attached onto the periphery of the steel disk with predetermined intervals.
9. The saw blade as claimed in claim 8, wherein the first streamlined wings (22) on one side surface of the circular steel disk are overlapped in a full and aligned manner with the second streamlined wings on the other side surface of the circular steel disk.
10. The saw blade as claimed in claim 9, wherein both arcs are defined as each of the streamlined wings has the same or different radius of curvature of which center is different in order to form a helical shape with respect to the opening, and the streamlined wings are so shaped as to get wider gradually in proportion to the radius of the steel disk that increases from the ring portion to the outer periphery of the circular steel disk.
11. The saw blade as claimed in claim 9, wherein the steel disk comprising a plurality of slits on its outer periphery at predetermined intervals which are

between the cutting segments.

12. The saw blade as claimed in claim 9, wherein the cutting segments are turbo-type defined as planar jig-jag profiles with respect to on both side surfaces of the cutting segments.

13. The saw blade as claimed in claim 9, wherein the portions of the streamlined wings overlapped in position on both side surfaces of the steel disk are formed with one or more through-holes.

14. The saw blade as claimed in claim 13, wherein a diameter of the plural through-holes formed on the streamlined wings of particulate bearing layers increase the ring portion to the periphery of the steel disk.

15. The saw blade as claimed in claim 8, wherein both arcs are defined as each of the streamlined wings has the same or different radius of curvature of which center is different in order to form a helical shape with respect to the opening, and the streamlined wings are so shaped as to get wider gradually according as the radius of the steel disk increases from the ring portion to the outer periphery of the circular steel disk.

16. The saw blade as claimed in claim 8, wherein the steel disk comprising a plurality of slits on its outer periphery at predetermined intervals, which are between the cutting segments.

17. The saw blade as claimed in claim 8, wherein the cutting segments are turbo-type defined as planar jig-jag profiles with respect to on both side surfaces of the cutting segments.

18. The saw blade as claimed in claim 8, wherein the portions of the streamlined wings overlapped in position on both side surfaces of the steel disk are formed with one or more through-holes.

19. The saw blade as claimed in claim 8, wherein a diameter of the plural through-holes formed on the streamlined wings of particulate bearing layers increase according as the radius of the steel disk from the ring portion to the periphery of the steel disk.

In the Abstract

Please delete the abstract and insert new and revised abstract as follows:

A saw blade for cutting steel-reinforced structures comprising a steel disk having and opening at the center for connection with a shaft of a motor-driven tool and

having particulate bearing layer on both side surfaces of the steel disk, in which the particulate bearing layer is made of one or more particle materials selected from the group consisting of diamond CBN, Al_2O_3 , Zr_2O_3 , ZrO_2 , WC or SiC or of their mixtures including ring portions with a fixed width and positioned in the central area on both side surfaces of the steel disk, a plurality of streamlined wings extending from the ring portions to the periphery of the steel disk, the streamlined wings are formed on both side surfaces of the steel disk so that first streamlined wings attached on one side surface of the steel disk are overlapped with second streamlined wings attached on the other side surface and cutting segments attached onto the periphery of the steel disk at predetermined intervals.